

## Product datasheet for **RG236045**

### CARHSP1 (NM\_001278260) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CARHSP1 (NM\_001278260) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** CARHSP1  
**Synonyms:** CRHSP-24; CRHSP24; CSDC1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG236045 representing NM\_001278260.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGTCATCTGAGCCTCCCCACCACCACAGCCCCACCCATCAAGCTTCAGTCGGGCTGCTGGACACC
CCTCGGAGCCGTGAGCGCTACCCATCCCCTCTGCGCGGCAACGTGGTCCCAAGCCACTGCCCACTCGC
CGGACGAGGACCTTCTCGGCACGGTGC GGCTTACAGGGCCCCGTCTACAAAGGAGTCTGCAAATGC
TTCTGCCGTC AAGGCCATGGCTT CATTACCCAGCTGATGGCGGCCCGACATCTTCTGCACATC
TCTGATGTGGAAGGGAGTATGTC CAGTGAAGGCGACGAGTACCTATAAAATGTGCTCCATCCCA
CCCAAGAATGAGAAGCTGCAGGCCGTGGAGTCTGCATCACTCACCTGGCACCAGGCACCAAGCATGAG
ACCTGGTCTGGACATGTCATCAGCTCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

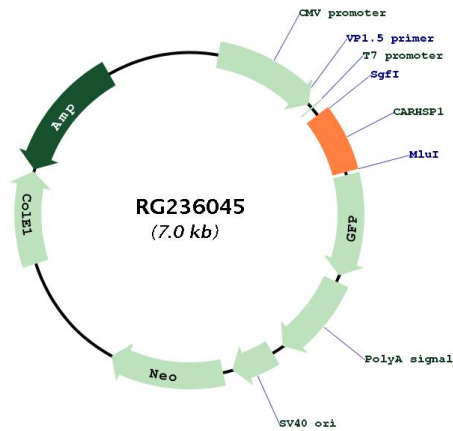
**Protein Sequence:** >Peptide sequence encoded by RG236045  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MSSEPPPPQPPTHQASVGLLDTPRSRERSPSPLRGNVVPSPLPTRRTRTF SATVRASQGPVYKGVCKC
FCRSKGHGFI TPADGGPDIFLHISDVEGEYVPVEGDEVTKMCSIPPKNEKLQAVEVITHLAPGKHE
TWSGHVISS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



**Cloning Scheme:**

**Plasmid Map:**


ACCN: NM\_001278260

ORF Size: 441 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>RefSeq:</b>	<a href="#">NM_001278260.1</a> , <a href="#">NP_001265189.1</a>
<b>RefSeq Size:</b>	2851 bp
<b>RefSeq ORF:</b>	444 bp
<b>Locus ID:</b>	23589
<b>UniProt ID:</b>	<a href="#">Q9Y2V2</a>
<b>Cytogenetics:</b>	16p13.2
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	15.9 kDa
<b>Gene Summary:</b>	Binds mRNA and regulates the stability of target mRNA. Binds single-stranded DNA (in vitro). [UniProtKB/Swiss-Prot Function]